DEVELOPMENT OF STUDENTS' PERSONAL COMPETENCIES THROUGH INTEGRATION OF E-LEARNING PLATFORMS AND APPLICATION PACKAGES

Umirov Boboyor Baxtiyor o'g'li
Teaching Assistant, Department of Primary Education Finnish Pedagogical Institute, Uzbekistan

INTRODUCTION

The integration of e-learning platforms and application packages has become a crucial aspect of modern education, significantly impacting the development of students' personal competencies [1]. This comprehensive analysis examines how this integration enhances student skills, the challenges encountered in implementation, and the methods employed to achieve successful integration.

Impact on Students' Personal Competencies

The integration of e-learning environments with various application packages has a substantial influence on developing students' personal competencies necessary for success in academic and professional settings [2].

Employment and Qualification Enhancement

Research published in the "Journal of Educational Technology Research and Development" demonstrates that online learning environments, when combined with real educational scenarios, play a vital role in increasing student employability. This approach helps students develop crucial competencies such as adaptability and transition skills, which are essential in the modern labor market. The integration of e-learning platforms with real applications enables students to engage with practical scenarios, bridging the gap between theoretical knowledge and practical skills [2].

Motivation and Engagement

E-learning environments significantly impact student motivation, which is a key personal competency. Research in "Frontiers in Psychology" discusses how e-learning systems influence student motivation through factors such as attention, relevance, confidence, and satisfaction. The integration of engaging application packages with e-learning platforms can further enhance these motivational aspects, encouraging deeper student engagement with learning materials and activities [3].

Adaptive Learning and Personalization

Research has shown that designing adaptive e-learning environments based on students' learning styles positively impacts personal competencies through customizing the learning experience to individual needs. This personalization, achieved through the integration of adaptive learning algorithms and content delivery systems, enhances learner engagement and learning outcomes, which are crucial components of personal competency development [4].

NEXT SCIENTISTS CONFERENCES

Key Personal Competencies Developed

The integration of e-learning platforms and application packages helps develop several crucial personal competencies:

1. Communication Skills: Through integrated platforms combining learning management systems with communication tools, students enhance their ability to express thoughts clearly in both verbal and written forms [2].

2. Collaboration Skills: E-learning platforms with integrated collaboration tools develop the ability to work effectively with others toward common goals [3].

3. Critical Thinking and Problem-Solving: The synthesis of e-learning content with interactive problem-solving applications helps develop analytical skills and the ability to evaluate different perspectives [2].

4. Creativity and Innovation: Integrated platforms incorporating creative tools and project-based learning applications encourage students to think outside the box and generate new ideas [4].

5. Adaptability and Flexibility: Various tools and learning environments in integrated systems help students adapt to new situations and handle changes effectively [1].

6. Self-Management and Initiative: E-learning platforms with goal-setting and time management features develop students' ability to take responsibility for their learning and development [2].

7. Information and Technology Literacy: The integration of various digital tools and platforms enhances students' ability to find, evaluate, and effectively use information, as well as utilize technology for learning and communication [5].

Popular E-Learning Platforms and Their Features

To understand how integration affects competency development, it's important to examine the features of popular e-learning platforms:

1. Google Classroom: Integrated with Google Workspace services enabling seamless collaboration and communication [5].

2. Moodle: An open-source LMS offering customizable features including forums, wikis, and calendar tools, supporting file sharing from cloud services [5].

3. Canvas: Known for its flexibility and user-friendliness, supporting third-party application integration and offering features like assignment exchange and analytics [5].

4. Blackboard Learn: Popular in higher education, supporting interactive and collaborative learning experiences with features for discussions and real-time virtual classrooms [5].

5. Coursera: Partners with top universities to offer accredited certificates and degrees, presenting courses in multiple languages [5].

REFERENCES

1. Egorova G.N. Interfaol ta'lim texnologiyalari kognitiv faollikni oshirish vositasi sifatida // O'rta kasb-hunar ta'limining holati, rivojlanish yo'nalishlari va istiqbollari:

2. Sat. Xalqaro materiallar ilmiy-amaliy yozishmalar. konf. (2017 yil 24 mart). Cheboksari: CHKI RUK, 2017. - S. 75-80.

3. Portnov M.S. O'rta maxsus ta'lim muassasalarida informatika o'qitish muammolari // O'rta kasb-hunar ta'limining holati, rivojlanish yo'nalishlari va istiqbollari: Sat. Xalqaro

NEXT SCIENTISTS CONFERENCES

materiallar sirtdan ilmiy-amaliy. konf. (2016 yil 25 mart). Cheboksary: CHKI RUK, 2016. S. 129-135.

4. Umirov B.B. Application Package and its reas of use ta'lim va innovatsion tadqiqotlar. obrazovaniye i innovatsionnie issledovaniya education and innovative research № 6, 2021y .228-232 b ISSN 2181-1717 (e) issn 2181-1709 (p) doi:https://doi.org/10.53885/edinres.2021.22.88.097

5. . Umirov B.B. Amaliy dasturlar paketi kursini shaxsga yo'naltirilgan ta'lim

6. texnologiyalari orqali o'qitish. O'zMU xabarlari, 2021, [1/5/2] B 23-25 UDK:37.013.46 ISSN 2181-7324

7. . Umirov B.B Software products that develop the personal competence of the student based on the training of the practical software package course Integration of science and education published: 1 november 2024 ISSN: 2992-9210

8. What Is eLearning? Types, Advatages, and Drawbacks for https://research.com

9. Adaptive e-learning environment based on learning styles and   https://educational technology journal.springeropen.com

10. The Impact and Effectiveness of E-Learning on Teaching https://files.eric.ed.gov

11. E-Learning and the Development of Intercultural https://scholarspace.manoa.hawaii.edu

NEXT SCIENTISTS CONFERENCES